

A STATE OF THE PARTY OF THE PAR	Total Mcas = 20
/	probability of having corrects option-!
1	probability of having correct option = 1 probability of wrong answer = 1-1 = 43
	4
	As per binomial distribution, probability of having exactly 5 wrong answers
	having exactly 5 worning wroters
	$\binom{n}{k} p^k (1-p)^{n-k}$
/	(K)
	$\frac{m}{k} = \frac{n}{k!(n-k)!}$
	K!(m-k)!
	To a mile of miles
	Formula is = $\frac{n!}{k!(n-k)!}$ $\frac{p^k(1-p)^{n-k}}{k!(n-k)!}$
1	n=20, K=15, P=1, n-K=20-15=5
	$= \frac{20!}{15! 5!} \times \left(\frac{1}{4}\right)^{15} \times \left(\frac{3}{4}\right)^{5}$
	15/5/
_	- 20x10x18x17x16x16x17x13x13x13x11x10x0x0 3x7x5x7
	= 20x19x18x17x16x15x14x13x12x11x10x9x8x7x6x5x4 x3x2x1x1 ¹⁵ x3x3x3x3x3
	15x14x13x12x11x10x9x8x7x6x5x4x3x2x1x5x4x3x2x1
	x 4 15 x 45
	= 0.0000034
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